GV-BX120D-E 1.3MP H.264 Low Lux Arctic IR Box IP Camera

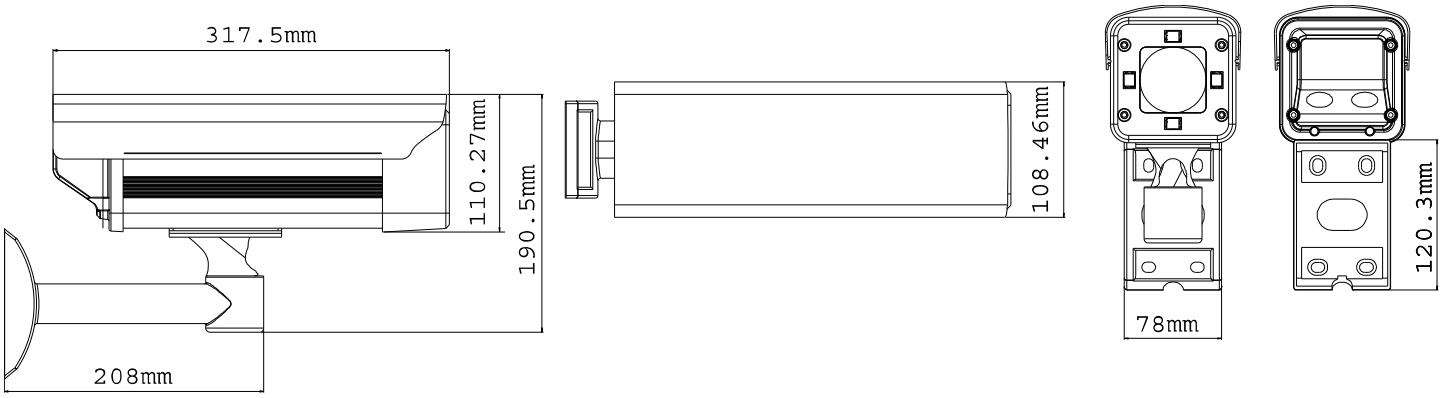
- 1.3 megapixel progressive scan Low Lux CMOS
- Dual streams from H.264 and MJPEG
- Up to 30 fps at 1280 x 1024
- Day / Night function (with removable IR-cut filter)
- Ingress protection (IP66)
- Built-in heater and fan
- Support for TV-out
- Two-way audio
- Wide Dynamic Range (WDR)
- Motion detection
- Tampering alarm
- Privacy mask
- Text overlay
- IP address filtering
- Power supplied through PoE (IEEE 802.3at)
- Megapixel lens
- Support for iPhone, iPad, Android and 3GPP
- 31 languages on Web interface
- ONVIF conformant

Active Tampering Alarm

Tampered

Focus Change

Camera Shift



SPECIFICATIONS

Camera		
Image Sensor		1/3” progressive scan CMOS
Picture Elements		1280 (H) x 1024 (V)
Minimum Illumination	Color	0.08 Lux at F/1.4
	B/W	0.04 Lux at F/1.4
	IR ON	0 Lux
Shutter Speed		Automatic, Manual (1/5 ~ 1/8000 sec)
White Balance		Automatic, Manual (2800 ~ 8500K)
Gain Control		Automatic
S/N Ratio		50 dB
BLC		Yes
Lens		
Megapixel		Yes
Day/Night		Yes (with removable IR-cut filter)
Lens Type		Varifocal
Focal Length		2.8 ~ 12 mm
Maximum Aperture		F/1.4

Mount		CS
Image Format		1/3”
Operation	Focus	Manual (w/lock)
	Zoom	Manual (w/lock)
	Iris	DC drive
IR Quantity		4
IR Distance		15 m / 50 ft (Max.)
Torque (Focus/Zoom screws)		0.049 N.m
Operation		
Video Compression		H.264, MJPEG
Video Stream		Dual streams from H.264 and MJPEG
Frame Rate		30 fps at 1280 x 1024 * The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).
Image Setting		Brightness, Contrast, Saturation, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation, Shutter Speed, D/N Sensitivity, Backlight Compensation, WDR, Defog
Audio Compression		G.711, AAC (16 kHz / 16 bit)
Two-way Audio		Yes
Video Resolution		
Main Stream	4:3	1280 x 960, 640 x 480, 320 x 240
	16:9	1280 x 720, 640 x 360, 448 x 252
	5:4	1280 x 1024, 640 x 512, 320 x 256
Sub Stream	4:3	640 x 480, 320 x 240
	16:9	640 x 360, 448 x 252
	5:4	640 x 512, 320 x 256
Network		
Interface		10/100 Ethernet
Protocol		HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP), ONVIF
Mechanical		
Lens Mounting		CS-Mount
Camera Angle Adjustment	Pan	0 ° ~ 330 °
	Tilt	0 ° ~ 90 °
Temperature Detector		Yes
Connectors	Power	PoE
	Ethernet	RJ-45
	Audio	1 In (externally connecting a microphone) 1 Out (Stereo phone jack, 3.5 mm / 0.14 in)
	TV-Out	BNC connector (640 x 480 resolution)
LED Indicator		2 LEDs: Power, Status
General		
Operating Temperature		-40 °C ~ 50 °C / -40 °F ~ 122 °F
Humidity		10% to 90% (no condensation)
Power Source		PoE (IEEE802.3at)
Max. Power Consumption		24 W
Dimensions (L X W X H)		100.5 x 100.5 x 317.5 mm / 3.96 x 3.96 x 12.5 in
Weight		3.2 Kg / 7.11 lb
Regulatory		CE, FCC, C-Tick, RoHS compliant
Ingress Protection		IP66
Power over Ethernet		
PoE Standard		IEEE 802.3at Power over Ethernet / PSE
PoE Power Supply Type		End-Span
PoE Power Output		DC 48V, 600mA (34.2W Max.)
Web Interface		
Installation Management		Web-based configuration
Maintenance		Firmware upgrade through Web Browser or Utility
Access from Web Browser		Camera live view, video recording, change video quality, bandwidth control, image snapshot, digital I/O control, audio, Wide Angle Lens Dewarping, Picture in Picture, Picture and Picture, Privacy Mask, Visual Automation, Tampering Alarm, Text Overlay

Language	Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hebrew / Hungarian / Indonesian / Italian /Japanese / Lithuanian / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swedish / Thai / Traditional Chinese / Turkish
Applications	
Network Storage	GV-NVR, GV-System, GV-Backup Center, GV-Recording Server * GV-Backup Center and GV-Recording Server are supported in V1.08 or later
Smart Device Access	- GV-Eye for Android smartphone, tablet, iPhone, and iPod Touch- GV-Eye HD for iPad
Live Viewing	IE , GV-MultiView
CMS Server support	GV-Control Center, GV-Center V2, GV-VSM

Note: Specifications are subject to change without notice.